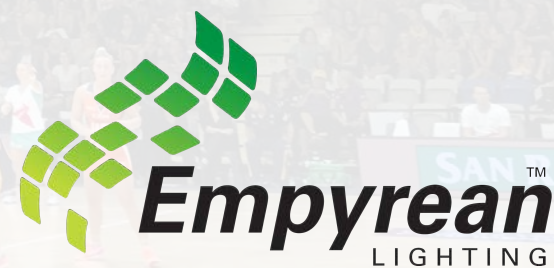




Leisure & Recreational Facilities

LED Lighting Solutions



Introducing

Empyrean Lighting

Established in 2009, we're an award winning Sunshine Coast based company who design, manufacturer and supply ultra high quality LED lighting solutions.

We are project specialists in stadium, pool and external sports lighting retrofits including new builds - **everything from typical high bays, to high mast pole lighting and even uplighting.** Our solutions ensure the client achieves maximum energy savings, improved lighting to meet or exceed standards and reduced ongoing maintenance costs.

Internal & External Products

Andromeda LED Luminaires

With options to cover all of your sporting requirements, our Andromeda luminaires are suitable for fields, stadiums, undercover greens, general floodlighting and indoor pools.

- Powers from 40W to 1000W in styles suitable for flood (high bay) and high mast lighting.
- 120lm/W Post Optics
- Power Factor 0.97
- Nichia High Power Diodes 60,000/100,000hrs (to L70B10) lifespan
- Low profile, dimmable, intelligent control
- IP66 & IK08 Shock Resistant
- -40° to 50° Deg operating temperature range
- Quick release drivers



Wynnum Manly Cricket Nets

Getting the Facts

Benefits of Andromeda Luminaires

- Reduced maintenance costs with a lifespan of up to 100,000 hours to L70B10
- Robust (IK08) and weatherproof (IP66), reducing the risk of failure or damage from impact
- 70% more efficient than traditional lighting (Metal Halide, Mercury Vapour, High Pressure Sodium)
- Backed by a 5 year comprehensive warranty
- Mounting options to suit any application
- Comply to all Australian certifications including RCM
- Suitable for adding into control systems with DALI & 0-10V driver options
- Drivers can be remote mounted to assist with maintenance, installation & weight requirements



"Padua College chose to install the Andromeda LED Flood luminaires due to their high efficacy, lower operating cost and reduced maintenance requirements. After reviewing the designs of other recently constructed sports facilities in Australia and around the world, this was determined to be the best lighting solution for the space."

Andrew Aitken, Project Electrical Engineer



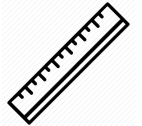
Click the icon to download the file

PRODUCT CODE

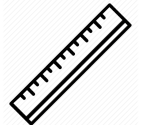
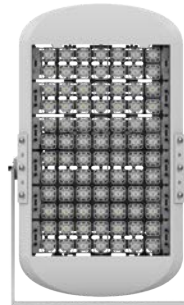
PRODUCT IMAGE

DATASHEET | IES FILE | SCHEMATIC

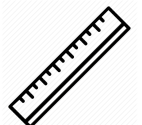
Andromeda-C-Flood
(Stadiums, Indoor Pools)



Andromeda-C-HMast
(External Floodlighting)



Andromeda-C-HMast-1000W
(2000W HID Replacement -
External Floodlighting)



External Installation Examples

Glasshouse Cricket Nets



Geelong City Bowls Club



Kawana Aquatic Centre



University of the Sunshine Coast - Rugby

Internal Installation Examples





Moama Bowls Club

How we guarantee the best results

Comprehensive Lighting Designs

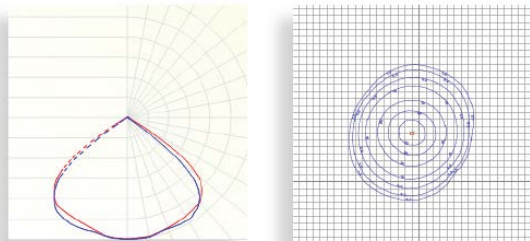
- Designed to comply with relevant Australian & New Zealand standards
- Ability to reuse existing locations for retrofit applications
- Ensures uniform light distribution (no hot spots) and identifies any problematic areas

Example of External

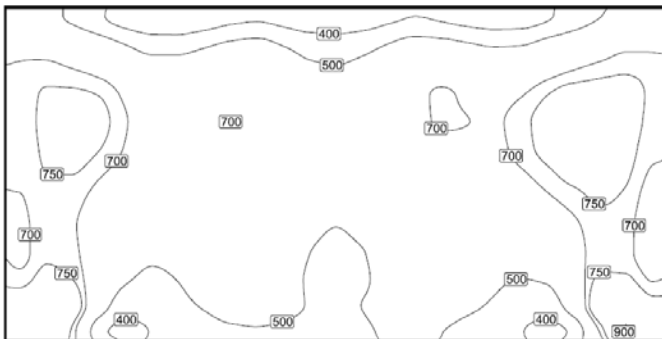
DIALux Lighting Design

Light Optics (Examples)

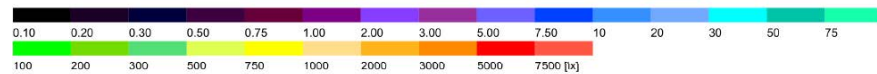
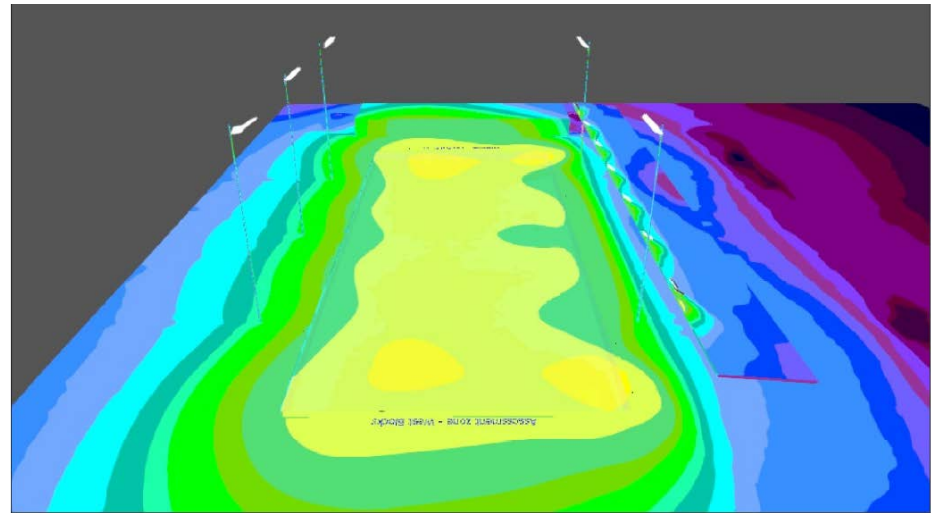
LENS K81: 102°



Designed Lux Values

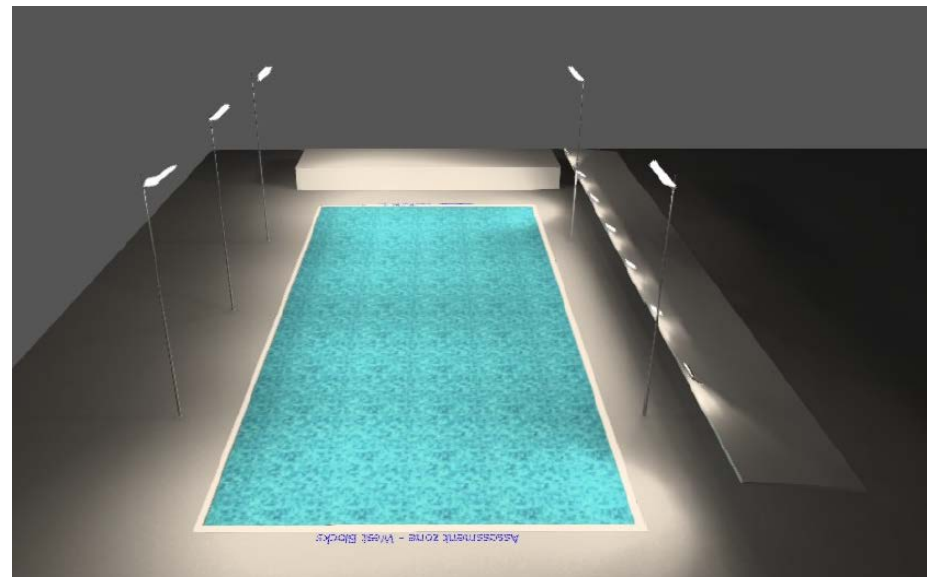


Scale: 1 : 330



False Colour Render

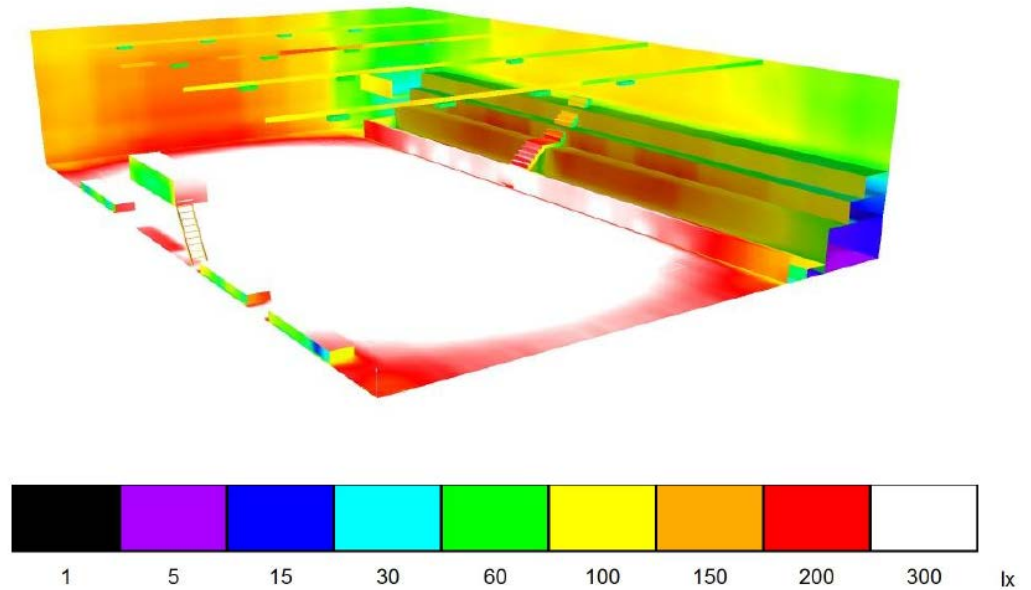
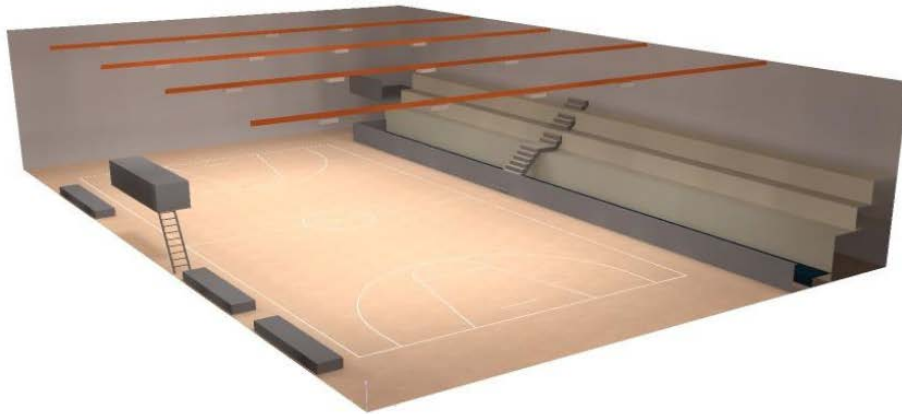
Site Recreation in Software



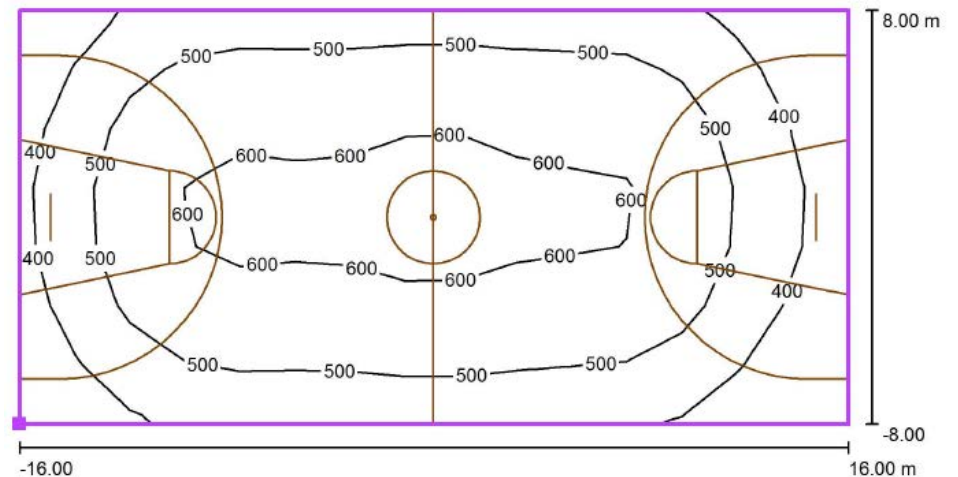
Example of Internal

DIALux Lighting Design

Site Recreation in Software



False Colour Render (above)
Designed Lux Values (below)



Contact Us

Get in touch for a site visit or to generally discuss your
leisure & recreational requirements further!

Gemma Layfield - General Manager
gemma@empyreanlighting.com | 0418 104 054 | 07 5437 7270



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